

Review Questions

October 20, 2016

The loss, destruction, or material alteration of an object or document that is evidence or potential evidence in a legal proceeding by one who has the responsibility for its preservation is:

- A. Vandalism
- B. Revenge
- C. Spoliation
- D. Crime concealment

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An inner drive or impulse that is the cause, reason, or incentive that induces or prompts a specific behavior is:

- A. Excitement
- B. Profit
- C. Just sick
- D. Motive

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Fire Analysis is the process of determining the origin, cause, development, responsibility, and, when required, failure analysis of a fire or explosion.

A. True

B. False

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A. True

B. False

The body of knowledge concerning the study of fire and related subjects (*such as combustion, flame, products of combustion, heat release, heat transfer, fire and explosion chemistry, fire and explosion dynamics, thermodynamics, kinetics, fluid mechanics, fire safety*) and their interaction with people, structures, and the environment is:

- A. Revenge
- B. Fire Science
- C. Fire Analysis
- D. Fire Dynamics

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A fire investigator can remain current in the required areas of knowledge as listed in section 1.3.7 of NFPA 1033 by attending formal education courses, workshops, and seminars and/or through professional publications and journals.

A. True

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A statement that describes a specific job task, lists the items necessary to complete the task, and defines measurable or observable outcomes and evaluation areas for the specific task.

- A. Special Skills Modifier
- B. Fire Dynamics Routine
- C. Job Performance Requirement
- D. Time Task Analysis

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A formal procedure generally employed in prepublication review of scientific or technical documents and screening of grant applications by research-sponsoring agencies is:

- A. Technical Review
- B. Peer Review
- C. Administrative Review
- D. Peer Track

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The systematic pursuit of knowledge involving the recognition and definition of a problem; the collection of data through observation and experimentation; analysis of the data; the formulation, evaluation and testing of a hypothesis; and, when possible, the selection of a final hypothesis.

- A. Scientific Hypothesis Genesis
- B. Scientific Wild Guess
- C. Scientific Modeling
- D. Scientific Method

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Someone with sufficient skill, knowledge, or experience in a given field so as to be capable of drawing inferences or reaching conclusions or opinions that an average person would not be competent to reach is a / an:

- A. Smart Fellow
- B. Fact Witness
- C. Expert Witness
- D. Extremely Boring

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The visible or measurable physical changes, or identifiable shapes, formed by a fire effect or group of fire effects are:

- A. Fire Dynamics
- B. Fire Science
- C. Fire Analysis
- D. Fire Patterns

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